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KRIEGBE, MARTENS, OLSON & BEAR

A LIMITED LIABILITY PARTNERSHIP INCLUDING
PROFESSIONAL CORPORATIONS

PATENT, TRADEMARK AND COPYRIGHT CAUSES

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Assistant Commissioner for Patents

Washington, D.C. 20231

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Attorney Docket No. : ELITRA.001A

Applicant(s) : Judith Zyskind, Kari L. Ohlsen, John Trawick, Allyn R. Forsyth, Jamie M. Froelich, Grant J. Carr, Robert T. Yamamoto and Howard H. Xu

For : GENES IDENTIFIED AS REQUIRED FOR PROLIFERATION IN ESCHERICHIA COLI

Attorney : Daniel Hart

"Express Mail"

Mailing Label No. : EL531032262US

Date of Deposit : January 27, 2000

I hereby certify that the accompanying

Transmittal in Duplicate; Specification in 122 pages; 3 sheets of drawings; Sequence Listing in 240 pages; Sequence Submission Statement; Sequence Listing in computer readable format; Check(s) for Filing Fee(s); Return Prepaid Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

John Riedel

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JC376 U.S. PTO
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JC759 U.S. PTO

Attorney Docket No. ELITRA.001A
Date: January 27, 2000
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ASSISTANT COMMISSIONER FOR PATENTS

WASHINGTON, D.C. 20231

ATTENTION: BOX PATENT APPLICATION

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): **Judith Zyskind, a U.S. Citizen, residing at 8514 La Jolla Scenic Drive, La Jolla, California 92047;**
Kari L. Ohlsen, a U.S. Citizen, residing at 3560 Vista De La Orilla, San Diego, California 92117;
John Trawick, a U.S. Citizen, residing at 7210 Baldrich Street, La Mesa, California 91942;
Allyn R. Forsyth, a U.S. Citizen, residing at 1135 Beryl Street, San Diego, California 92109;
Jamie M. Froelich, a U.S. Citizen, residing at 5057 35th Street, San Diego, California 92116;
Grant J. Carr, a U.S. Citizen, residing at 2210 Sonrise Glen, Escondido, California 92029;
Robert T. Yamamoto, a U.S. Citizen, residing at 3725 Norte Dame Avenue, San Diego, California 92131; and
Howard H. Xu, a U.S. Citizen, residing at 11142 Ivy Hill Drive, San Diego, California 92131.

For: **GENES IDENTIFIED AS REQUIRED FOR PROLIFERATION IN ESCHERICHIA COLI**

Enclosed are:

- (X) Three (3) sheet(s) of drawing.
- (X) Specification in 122 pages.
- (X) Sequence listing in 240 pages.
- (X) One (1) page Sequence Submission Statement.
- (X) Sequence Listing in computer readable format.
- (X) Return prepaid postcard.

CLAIMS AS FILED

FOR	NUMBER FILED	NUMBER EXTRA	RATE	FEE
Basic Fee			\$345	\$345
Total Claims	111 - 20 =	91 x	\$9	\$819
Independent Claims	40 - 3 =	37 x	\$39	\$1443
If application contains any multiple dependent claims(s), then add			\$130	\$130
TOTAL FILING FEE		\$2,737		

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

jc376 U.S. PTO
09/492709
01/27/00

Applicant : Zyskind, et al.
Appl. No. : Unknown
Filed : Herewith
For : GENES IDENTIFIED AS REQUIRED FOR PROLIFERATION
IN ESCHERICHIA COLI

SEQUENCE SUBMISSION STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

A copy of the Sequence Listing in computer readable form as required by 37 C.F.R. § 1.821(e) is submitted herewith.

As required by 37 C.F.R. § 1.821(f), the data on the enclosed disk is identical to the Sequence Listing in the application filed herewith.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: January 27, 2000

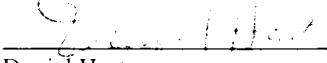
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- A check in the amount of \$2737 to cover the filing fee is enclosed.
- The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Account No. 11-1410. A duplicate copy of this sheet is enclosed.
- Please use Customer No. 20,995 for the correspondence address.


Daniel Hart
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